

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the Application.

Listing of Claims:

1. (Canceled)

2. (Canceled)

3. (Currently Amended) The metal substrate ~~The composition of~~
claim 41, wherein the aluminum powder comprises substantially spherical powder particles.

4. (Currently Amended) The metal substrate ~~The composition of~~
claim 3, wherein the substantially spherical powder particles have an average particle size in the range of about 0.5 micron to about 200 microns.

5. (Currently Amended) The metal substrate ~~The composition of~~
claim 4, wherein the powder particles have an average particle size in the range of about 1 micron to about 50 microns.

6. (Canceled)

7. (Canceled)

8. (Currently Amended) The metal substrate ~~The composition of~~
claim 41, wherein the epoxy resin is derived from ~~comprises~~ bisphenol A.

Claims 9-12 (Canceled)

13. (Currently Amended) The metal substrate ~~The composition of~~
claim 41, wherein the amount of aluminum in the composition is in the range of about 0.5% by weight to about 45% by weight.

14. (Canceled)

15. (Currently Amended) ~~The metal substrate~~~~The composition of~~ claim 41, wherein the aluminum-based powder further comprises at least one metal selected from the group consisting of platinum group metals, rare earth metals, scandium, yttrium, iron, chromium, and cobalt.

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Currently Amended) ~~The metal substrate~~~~The composition of~~ claim 41, wherein the aluminizing composition further comprises ~~further comprising~~ at least one material selected from the group consisting of pigments, diluents, curing agents, deflocculants, dispersants, anti-settling agents, surfactants, anti-foam agents, driers, extenders, and lubricants.

Claims 20-40 (Canceled)

41. (Currently Amended) A metal substrate, having an organic-based aluminizing composition disposed on at least a portion of its surface, wherein the composition comprises ~~An organic-based aluminizing composition, comprising~~ an aluminum-based powder and at least one epoxy resin, and wherein the powder comprises an alloy of aluminum and silicon.

42. (Canceled)

43. (Currently Amended) The metal substrate of claim 41, ~~[[42,]]~~ in the form of a turbine engine component.

44. (Canceled)

45. (Previously Presented) The turbine engine component of claim 43, comprising a nickel-based superalloy.